## RECEIVED

IIS Departme	ent of Co	ommerce, Patent and Trademark Office	Attorney Docket No.:	004-4667						
U.S. Departine	-	ommerce, Patent and Trademark Office OCT 1 9 2001	Application No.:	09/829,207						
INI	FORMA	TION DISCLOSURE STATEMENT BE MINDER Conter 2100	Applicant(s):	Guy L. Steele Jr. et al.						
1111	IOKMA	(Use several sheets if necessary)	Filing Date:	April 9, 2001						
		(Use several sheets if necessary)								
		0C7 1 8 2001 (S)	Group Art Unit:	2181						
<del></del>		NON PATENT LITERATURE DOCUME	Date Submitted:	October 16, 2001						
	Π.									
*Examiner Initial	Cite No.	volume-issue number(s), publisher, city and/o	cle, title of item, date, p or country where publis	ertinent pages, hed.)						
"Costa	AA	H. Attiya and E. Dagan, "Universal Operations: Unary versus Binary Symposium on Principles of Distributed Computing, Phila., PA, May								
Cok	AB	H. Massalin and C. Pu, "A Lock-Free Multiprocessor OS Kernel," Te Univ., New York, NY, 1991, 21 pp.	chnical Report TR CUC	S0059, Columbia						
JOSK	AC	Hagit Attiya and Ophir Rachman, "Atomic Snapshots in $O(n \log n)$ Operations," SIAM Journal on Computing, Vol. 27, No. 2, 1998 SIAM, pp. 319-340.								
(ce,1c	AD	Hagit Attiya et al, "Are Wait-Free Algorithms Fast?", Journal of the A	ACM, Vol. 41, No. 4, Jul	. 1994, pp. 725-763.						
10,6	AE ·	M. B. Greenwald and D. R. Cheriton, "The Synergy Between Non-Blocking Synchronization and Operating System Structure," 2nd Symposium on Operating Systems Design and Implementation," Seattle, WA, Oct. 1996, 14 pp.								
(0810	AF	M. Herlihy and J.E.B. Moss, "Transactional Memory: Architectural Support for Lock-Free Data Structures," Technical Report CRL 92/07, Digital Equipment Corp., Cambridge Research Lab. 1992, pp. 289-300.								
lake	AG	M. P. Herlihy and J. M. Wing, "Linearizability: A Correctness Condition for Concurrent Objects," ACM Transactions on Programming Languages and Systems, Vol. 12, No. 3, Jul. 1990, pp. 363-492.								
CSIC	АН	Maurice Herlihy, "A Methodology for Implementing Highly Concurrent Data Objects," ACM Transactions on Programming Languages and Systems, Vol. 15, No. 5, Nov. 1993, pp. 745-770.								
(Ce,10	ΑI	Maurice Herlihy, "Wait-Free Synchronization," ACM Transactions on Programming Languages and Systems, Vol. 13, No. 1, Jan. 1991, pp. 123-149.								
CSK	AJ	M68000 Family Programmer's Reference Manual, Motorola, Inc., 1992.								
CSK	AK	MC68020 32-Bit Microprocessor User's Manual, Motorola, Prentice	-Hall, 2nd ed., 1986.							
CSIC	AL	MC68030 User's Manual, Motorola, Prentice-Hall, 1989.								
(CSK	AM	M68040 User's Manual. Motorola, Inc., 1990, rev. 1992, 1993.								
CSK	AN	Michael B. Greenwald, "Non-Blocking Synchronization and System Report STAN-CS-TR-99-1624, Palo Alto, CA, Aug. 1999, 260 pp.	Design," PhD Thesis, Sta	inford Univ. Technical						
CSIC	AO	N. Shavit and D. Touitou, "Software Transactional Memory," Distributed Computing, Feb. 1997., Vol. 10, No. 2, pp. 99-116, (34 pp.)								
CSK	AP	Nimar S. Arora et al., "Thread Scheduling for Multiprogrammed Multiprocessors," Proceedings of the 10th Annual ACM Symposium on Parallel Algorithms and Architectures, Puerto Vallarta Mexico, 1998, pp. 119-129.								
191K	AQ	The SPARC Architecture Manual, Version 9, Weaver and Germond, (eds.), SPARC International, Prentice Hall, Englewood Cliffs, NJ, 1994.								
CR 1C	AR	Yehuda Afek et al, "Disentangling Multi-Object Operations," Proceedings of the 16th Annual ACM Symposium on Principles of Distributed Computing, Santa Barbara CA, 1997, pp. 111-120 (10 pp.).								
Examiner	Ken	S. Cin Date Considered (-1-0)	1							
4TV 4 4 4 0 1 T P		reference considered, whether or not citation is in conformance with MPEP 609;		(C						

considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office					Attorney Docket No.: 004-4667  Application No.: 09/829,207					
										(Use several sheets if necessary)
OCT 1 8 200, S						Group Art Unit: 2/8/				
	,/*o *	ď			Date Submit	ted: Oc	tober 16, 2	001		
	74	DEMARK CERT	U.S.	Patent Documents						
*Examiner Initial		Document Number	Date	Name	Class	Subclass		g Date ropriate		
CBIC	AA	6,223,335 B1	Apr. 24, 2001	Cartwright, Jr. et al	717	1				
	AÐ					BECE				
	AC					RECEN	/ED			
· · · · · · · · · · · · · · · · · · ·	AD					1 7 7 7 9 1	200.			
	AE				Tech!	ology Cente	<u> </u>			
	AF					3 30///	2100			
	AG									
	AH									
	AI									
	AJ									
<u></u>	AK	,								
			Foreig	n Patent Documents						
							Tran	slation		
		Document	Date	Country	Class	Subclass	Yes	No		
	AL					<b> </b>		<u> </u>		
	AM									
	AN	-						ļ		
	AP									
<b>)</b> 1				author, Title, Date, Pertine		I- " D	4: 6:1	124		
CsK	AR	Annual ACM Symp	osium on Principles	aluation of Lock-Free Synch of Distributed Computing,	Los Angeles, C.	A, Aug. 14-17	, 1994, pp.	130-140		
CRK	AS	Conf. on Distribute	d Computing System	s for Non-Blocking Concur ns, IEEE Computer Society	Press, Los Alam	nitos, CA, May	1993, 10 p	p.		
CSK	AT			g Lock-Free Shared Data Stress, Germany, Jun. 1993, pp.		eaings of the	om ACM Sy	mposiu		
Examiner	Len	S. Kim	Date Considered	4-	1-04					
EXAMINER:	Initial i	f reference considered	, whether or not cita	tion is in conformance with your communication to appl	MPEP 609; Dra		h citation if	not in		

U.S. Department of Commerce, Patent and Trademark Office FEB 0 7 2002					Attorney Docket No.: 004-4667					
THE STATE OF CHECK						Application No.: 09/829,207				
INFORMATION DISCLOSURE STATEMENT BY APPLICATED						Applicant(s): Guy L. Steele Jr., et al.				
		(Use several she	Filing Date: April 9, 2001							
			Group Art Unit: 2181							
			Date Submitted: February 1, 2002							
U.S. Patent Documents										
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing If Appr	Date opriate		
	AA									
	AB									
	AC				<u> </u>					
	AD				ECE	VED				
	AE				- EB 1 3	2002				
	AF									
	AG			160	hnology C	enter 2100	<i>)</i>			
	AH				-					
	AJ									
	AK									
	1		Foreig	n Patent Documents		<u> </u>				
	-						Trans	lation		
		Document	Date	Country	Class	Subclass	Yes	No		
ICSY	AL	EP 0 466 339 A2	15.01.92	EPO						
	AM									
	AN									
	AP									
	1	OTHER	ART (Including A	uthor, Title, Date, Pertinen	t Pages, Etc.)					
dup losk	AR	Ole Agesen et al., "DCAS-Based Concurrent Deques," Proceedings of the Twelfth Annual ACM Symposium on Parallel Algorithms and Architectures (SPAA2000), Bar Arbor, Maine, online, 9-12 July 2000, pp. 137-146 XP002172095, Association for Computing Machinery, ACM, New York, NY, [retrieved from the Internet on 2001-07-13: URL:http://research.sun.com/jtech/subs/00-dequel.ps>].								
lask	AS	Henry Massalin, "Synthesis: An Efficient Implementation of Fundamental Operating System Services," Dissertation submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in the Graduate School of Arts and Sciences, Columbia University, New York, NY, online, 1992; pp. 1-149 XP002172093 [retrieved from the Internet on 2001-07-13: URL: Apr.:/Apr.es.columbia.edu/reports/reports-1992/cucs-039-92.ps.gz].								
	AT Web Site									
Examiner	Examiner Ken S Kin Date Considered 4-1-04									
				tion is in conformance with Myour communication to applic		aw line throug	th citation if	not in		

U.S. Department of Commerce, Patent and Trademark Office						Attorney Docket No.:	004-4667				
,		•	Application No.:	09/829,207							
OE 38	ORMAT	ION DISCLOSURE	Applicant(s):	Guy Steele Jr. et al.							
	(Use several sheets if necessary)						April 9, 2001				
O O TON	020 8					Group Art Unit:	2181				
	3				-	Date Submitted:	March 26, 200	)2			
CATEMI ST				U.S. Patent Docum	ents						
*Examiner Initial		Document Number		Date		Name					
	AA										
	AB					·	-				
	AC										
	AD										
	AE					RECE	EIVED				
	AF										
	AG				APR 0 3 2002						
	AH				Technology Center 2199						
	ΑI										
*****	AJ										
	AK			,							
				Foreign Patent Docum	nents		<u> </u>				
		<del></del>						slation			
h.c. i.a		Document		Date		Country	Yes	No			
10510	AP	EP 0 366 585 A		May 2, 1990	EPO						
10510	AM	WO 86 00434 A		Jan. 16, 1986	PCT		<u> </u>				
	AN										
	AP	OTHER	A DT (Inclu	ding Author Title D	ata Dartinan	t Pages Eta)					
CSK CSK	AR Agesen, Ole, et al.: "DCAS-BASED CONCURRENT DEQUES," SPAA 2000. 12th Annual ACM Symposium on Parallel Algorithms and Architectures, Bar Harbor, ME, July 9-12, 2000, Annual ACM Symposium on Parallel Algorithms and Architectures, New York, NY: ACM, US, 9 July 2000, XP002172095, ISBN: 1-58113-185-2, pp. 137-146.										
Csk	AS	Detlefs, David L. et al., "Even Better DCAS-Based Concurrent Deques," Distributed Computing, 14th International Conference, 4 Oct. 2000, pp. 59-73, XP002172096.									
	AT										
Examiner	xaminer Len S. Klim Date Considered 3-31-04										
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.											